**Purpose of the Teacher Diagnostic Report is to help educators assess how well a teacher helps students at different achievement levels make academic growth.**

1. Students in a given subject are first placed into one of 3 groups based on their achievement levels.
2. The method for placement depends on the statistical model used to analyze the data.
3. For tests and subjects analyzed with the **Gain Model**, students are placed into groups based on the average of the two most recent scores in the tested subject.
4. For tests and subjects analyzed with the **Predictive Model**, students are placed into achievement groups based on their predicted score.
5. For both models more than a single test score is used to place students into groups because using more data minimizes the effect of measurement error and ensures that students are assigned to groups appropriately.
6. Once students are placed into groups a **growth measure** is calculated for each group.
7. For the **Gain Model** –The Growth measure is expressed in **NCEs** – Difference between the Most Recent Year Avg. Achievement and the Previous Year Avg. Achievement.
8. For the **Predicted Model** – the Growth Measure is calculated by subtracting the avg. predicted score from the avg. actual score. Since the predicted score is based on prior test scores , it represents the **entering achievement level** – expressed in scale scores
9. If enough data are available – can include up to 3 years of data
10. **Important to focus on overall pattern among all achievement groups.**